Thumma Sairam

Cloud DevOps Engineer

PERSONAL INFORMATION

✉ **Email**
thummasairam22@gmail.com

📞 **Mobile**
(+91) 8331954746

💼 **Total work experience**
3 Years 1 Month

KEY SKILLS

AWS

Microsoft Azure

Ubuntu

Kubernetes

Iac

AWS Cloudformation

Docker

Continuous Integration

Amazon Ec2

Configuration

Windows Server

Linux

Linux Server

UNIX

VMware

Build and Release Management

Configuration Management

Aws Devops

PROFILE SUMMARY

Skilled professional with 3 years of experience in AWS, Azure, Docker, IAC, Kubernetes, CI/CD (Continuous Integration / Continuous Deployment) process, Strong background in Linux/Unix Administration, Build and Release Management and Cloud Implementation all within that suits the needs of an environment under DevOps Culture. ? Strong knowledge of Amazon Web Services, including Amazon EC2, ELB, Auto-Scaling, S3 Buckets,Route53,IAM,VPC,RDS,DynamoDB,CloudTrail,CloudWatch,ElasticCache,SNS,SQS,CloudFormation,CloudFront

EDUCATION

2022
B.Tech/B.E.
St. Martin's Engineering College, Hyderabad

2015
Xth
English

WORK EXPERIENCE

May 2024 - Present
Cloud DevOps Engineer
Boomi Software India Pvt Ltd

• Deploying infrastructure on AWS utilizing services such as EC2, RDS, VPC and Managed Network and Security, Route 53, Direct Connect, IAM, Cloud Formation, AWS Ops Works (Automate operations), Elastic Beanstalk, AWS S3, Glacier, (Storage in the cloud) and Cloud Watch Monitoring Management. • Handling and maintaining Azure DevOps Pipeline with ADO and Terraform. • Maintaining Terraform for Infrastructure as Code for Azure and GCP. • Experienced in creating AWS IAM and Security Group in Public and Private Subnets in VPC. Created AWS Route53 to route traffic between different regions. • Responsible for architecting, designing, implementing and supporting of cloud-based infrastructure and its solutions. • Proficient in AWS services like VPC, EC2, S3, ELB, Auto Scaling Groups (ASG), EBS, RDS, IAM, Docker and Kubernetes • Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC. • Kubernetes Deployment and Management from last 3year, managing, and scaling applications using Kubernetes clusters.

Apr 2022 - Dec 2023
System Engineer
Sonata Software

OTHER PERSONAL DETAILS

City	Hyderabad
Country	INDIA

LANGUAGES

- English
- Hindi
- Telugu

• Implemented horizontal pod auto scaling to automatically adjust the number of application replicas based on CPU utilization, ensuring optimal resource allocation. • Designed and deployed applications on Kubernetes with pod anti-affinity rules to distribute replicas across different nodes for increased availability and implemented persistent volumes to ensure data durability. • Orchestrated rolling updates of application deployments on Kubernetes, minimizing downtime by gradually transitioning traffic to new versions while monitoring for errors and automatically rolling back if necessary.

Projects

365 Days

Cloud Infra

• Responsible for architecting, designing, implementing and supporting of cloud-based infrastructure and its solutions. • Proficient in AWS services like VPC, EC2, S3, ELB, Auto Scaling Groups (ASG), EBS, RDS, IAM, Docker and Kubernetes • Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC. • Kubernetes Deployment and Management from last 3year, managing, and scaling applications using Kubernetes clusters. • Implemented horizontal pod auto scaling to automatically adjust the number of application replicas based on CPU utilization, ensuring optimal resource allocation. • Designed and deployed applications on Kubernetes with pod anti-affinity rules to distribute replicas across different nodes for increased availability and implemented persistent volumes to ensure data durability.